



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-19

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 6.800	2943 SE	3061 SSW	2996 SE	2997 NW	Min : 74.30 Max : 100.6	Min : 47.50 Max : 88.80	Min : 26.73 Max : 36.86

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	28.0	42.0	12.3	18.8	0.004	0.038
2996	26.3	38.0	11.9	17.9	0.003	0.027
2997	30.3	46.4	12.2	17.9	0.003	0.026
3061	24.8	35.9	11.1	16.3	0.001	0.005

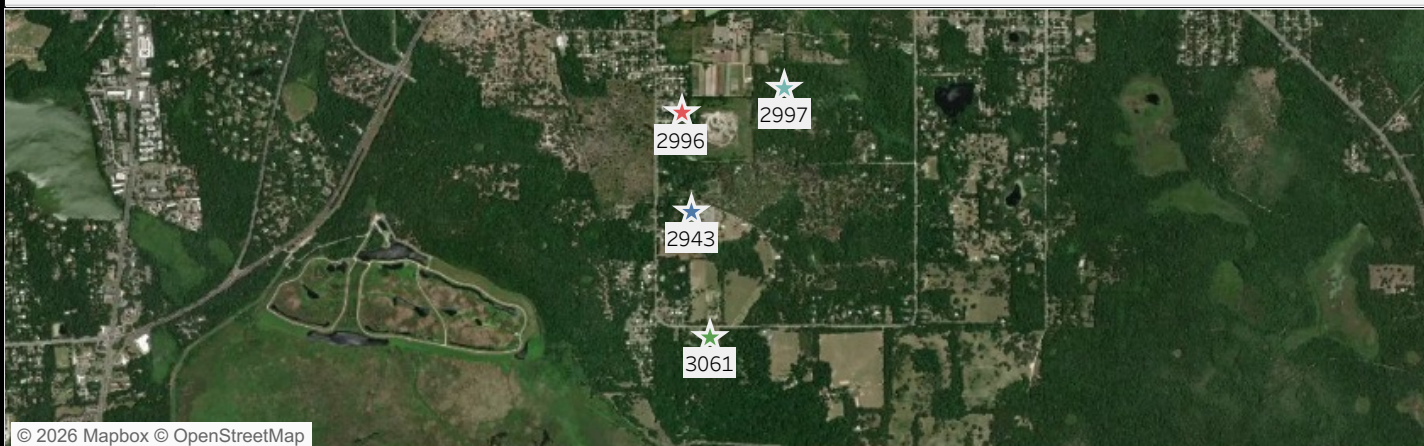


Figure 1 : Monitoring Locations

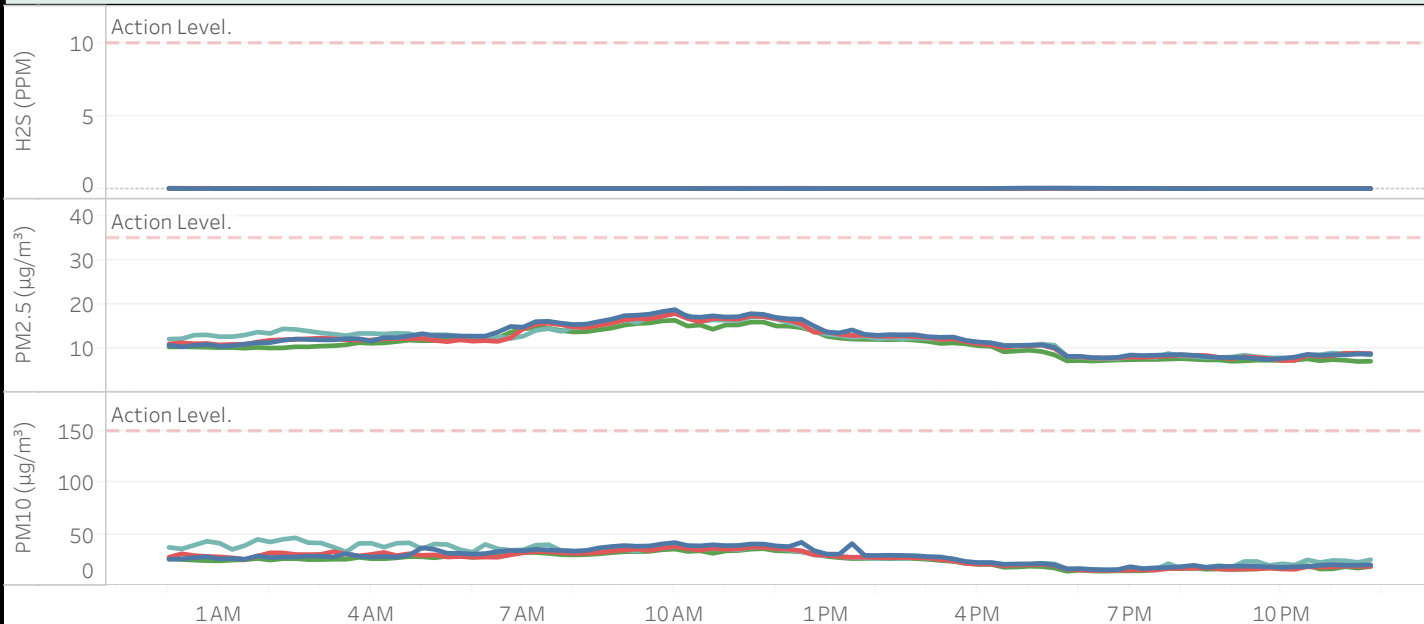


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

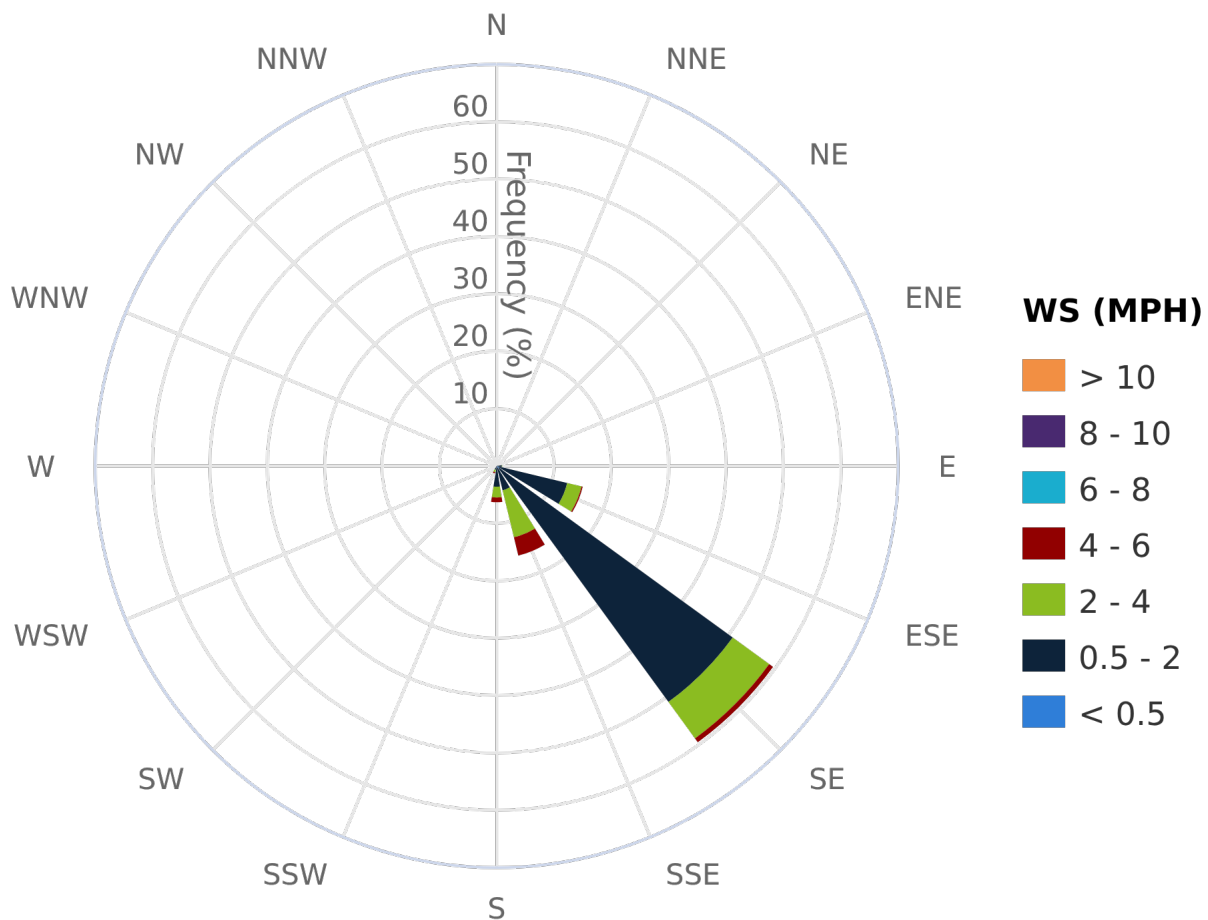


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

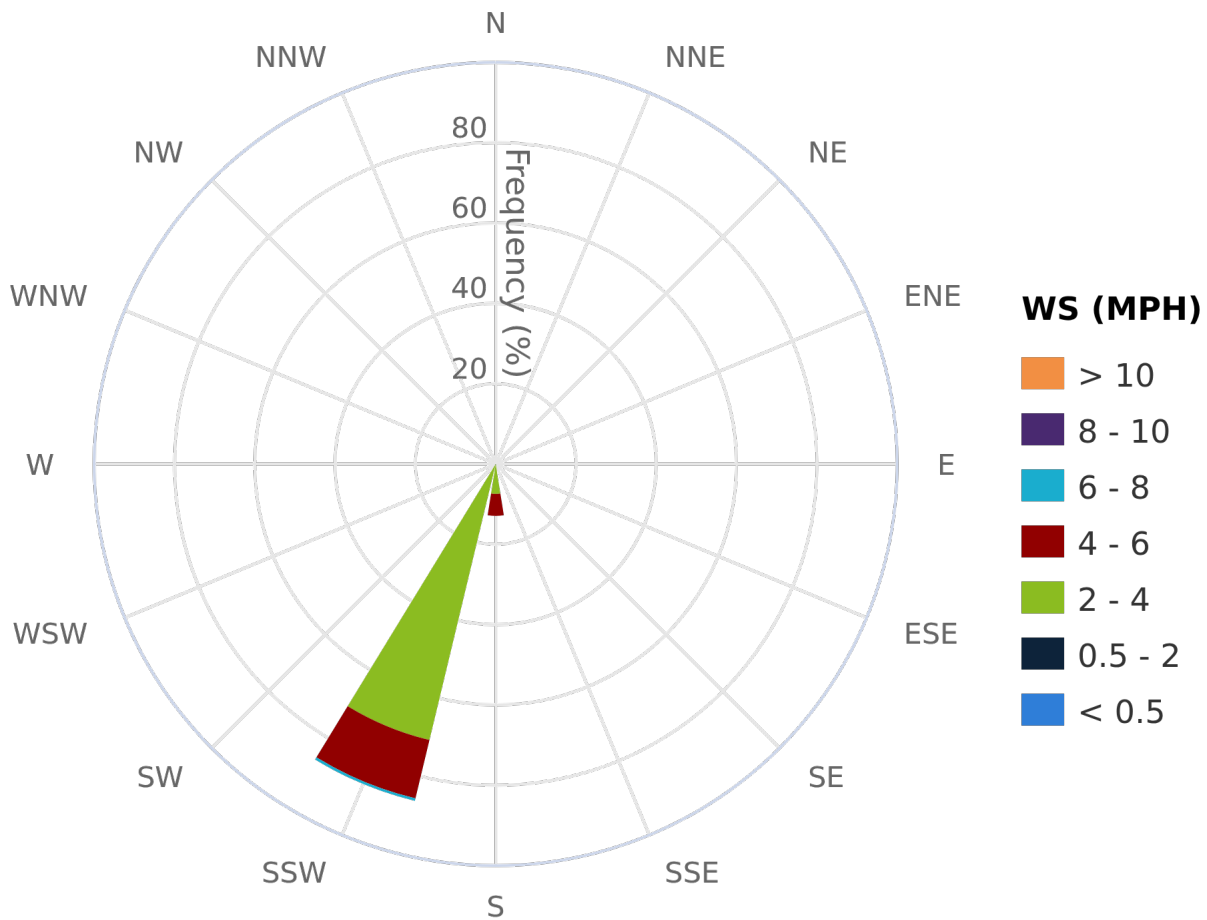


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

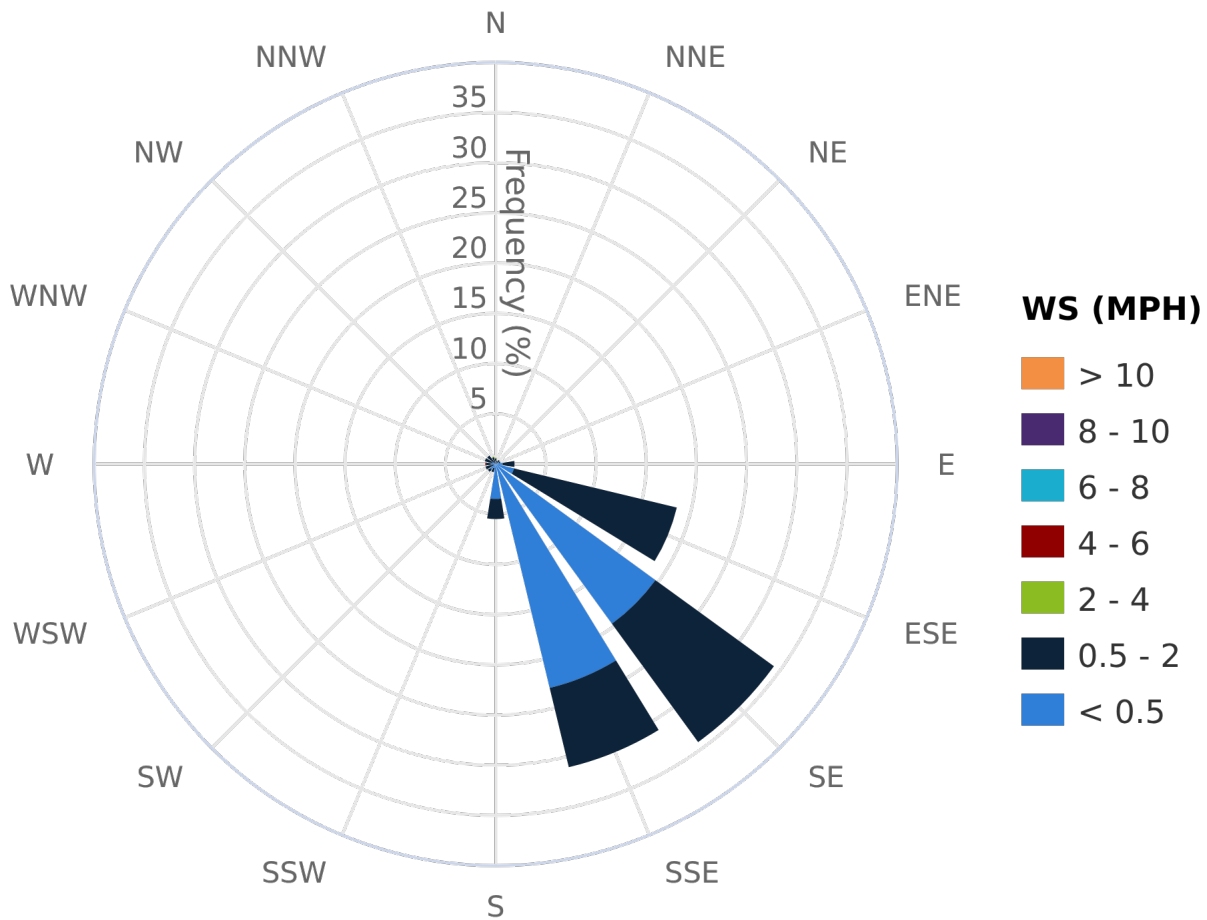


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

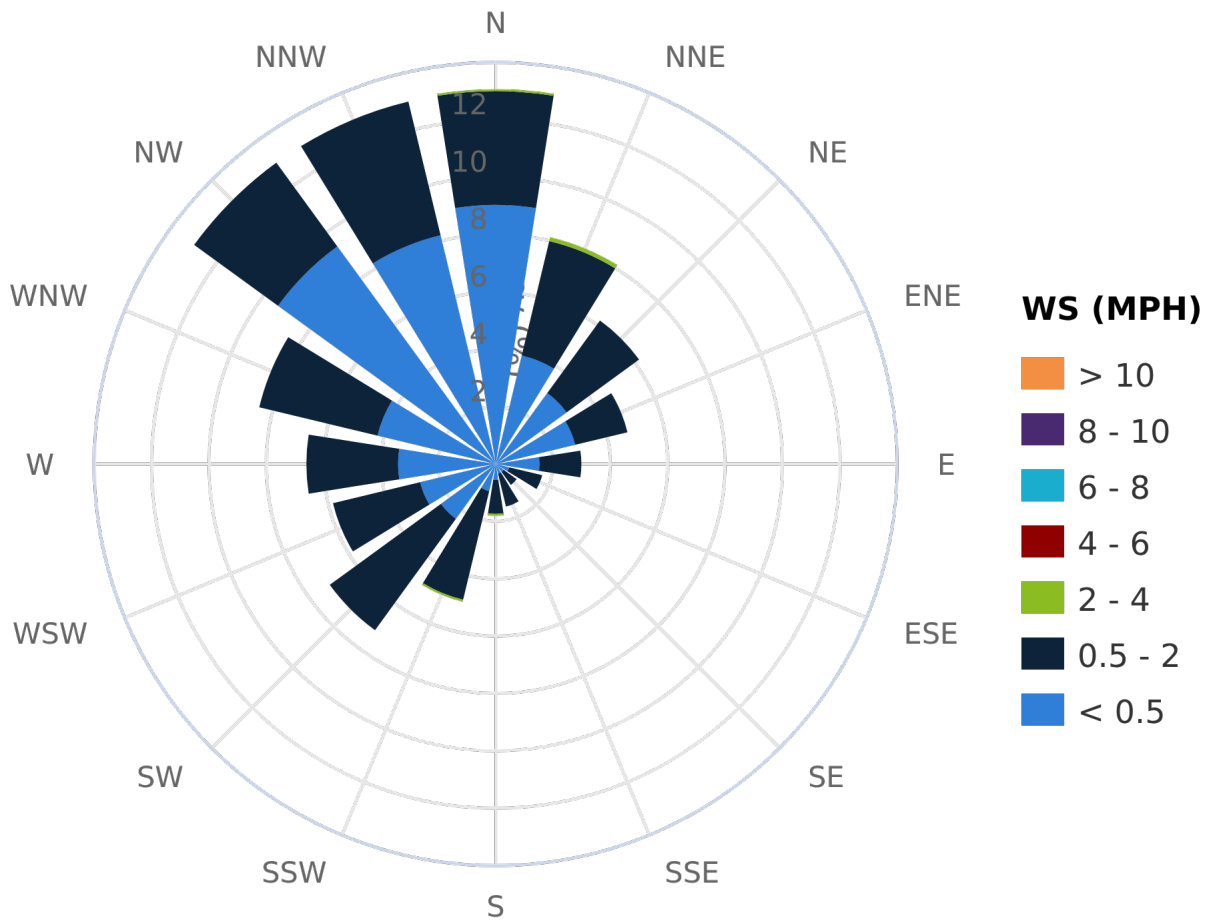


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	25.6	26.3	37.2	27.6	10.7	10.3	11.0	12.1	0.012	0.000	0.027	0.000
00:15:00	26.0	25.5	35.7	31.0	10.3	10.4	11.3	12.2	0.006	0.000	0.022	0.000
00:30:00	27.2	24.8	39.3	29.2	10.7	10.3	11.0	13.0	0.004	0.000	0.020	0.000
00:45:00	28.1	24.3	43.1	28.4	10.9	10.3	11.1	13.0	0.000	0.000	0.021	0.000
01:00:00	26.0	24.1	41.2	27.9	10.5	10.2	10.8	12.7	0.000	0.000	0.015	0.000
01:15:00	26.5	24.9	35.1	27.0	10.6	10.2	10.9	12.7	0.000	0.000	0.012	0.000
01:30:00	25.7	25.2	38.9	25.5	11.0	10.0	10.9	13.0	0.000	0.000	0.009	0.000
01:45:00	28.9	26.5	44.9	28.8	11.3	10.2	11.4	13.7	0.000	0.000	0.005	0.000
02:00:00	27.3	24.9	42.4	31.9	11.3	10.1	11.8	13.4	0.000	0.000	0.006	0.000
02:15:00	27.8	26.2	44.9	31.8	11.8	10.1	11.9	14.4	0.000	0.000	0.004	0.000
02:30:00	27.8	26.3	46.4	30.3	12.1	10.4	12.1	14.3	0.000	0.000	0.003	0.000
02:45:00	28.7	25.3	41.7	30.2	12.0	10.3	12.2	13.9	0.000	0.000	0.001	0.000
03:00:00	28.6	25.4	41.5	30.4	11.9	10.5	12.3	13.5	0.000	0.000	0.000	0.000
03:15:00	27.8	25.7	37.4	33.0	11.9	10.6	12.2	13.2	0.000	0.000	0.000	0.000
03:30:00	31.1	25.7	32.8	30.6	12.2	10.8	11.9	12.9	0.000	0.000	0.000	0.000
03:45:00	28.7	27.5	41.0	28.8	12.2	11.3	11.9	13.4	0.000	0.000	0.000	0.000
04:00:00	27.9	26.3	41.2	30.4	11.7	11.1	11.9	13.4	0.000	0.000	0.000	0.000
04:15:00	28.3	26.2	37.4	32.3	12.4	11.2	12.2	13.2	0.000	0.000	0.000	0.000
04:30:00	27.8	27.1	41.2	29.2	12.4	11.5	12.2	13.4	0.000	0.000	0.000	0.000
04:45:00	29.8	28.3	41.6	31.0	12.8	11.9	12.2	13.3	0.000	0.000	0.000	0.000
05:00:00	36.8	28.1	35.8	29.5	13.3	11.7	12.2	12.4	0.000	0.000	0.000	0.000
05:15:00	35.2	27.1	40.5	29.9	12.9	11.8	11.8	13.1	0.000	0.000	0.000	0.000
05:30:00	31.5	28.6	39.9	27.8	12.9	12.0	11.5	13.1	0.000	0.000	0.000	0.000
05:45:00	31.4	29.0	35.0	28.3	12.8	12.6	11.9	12.7	0.000	0.000	0.000	0.000
06:00:00	30.6	27.6	32.4	27.6	12.8	12.4	11.6	12.7	0.000	0.000	0.000	0.000
06:15:00	31.1	28.3	40.1	27.8	12.8	12.4	11.8	12.7	0.000	0.000	0.000	0.000
06:30:00	33.1	29.0	35.8	27.6	13.7	12.3	11.6	12.7	0.000	0.000	0.000	0.000
06:45:00	34.2	31.2	34.3	29.9	14.9	13.6	12.4	12.2	0.000	0.000	0.000	0.000
07:00:00	33.9	32.4	34.8	31.9	14.8	14.4	14.4	12.8	0.000	0.000	0.000	0.000
07:15:00	35.3	32.2	39.3	33.4	16.0	14.8	15.5	14.1	0.000	0.000	0.000	0.000
07:30:00	34.7	31.4	39.8	33.0	16.1	14.6	15.7	14.5	0.000	0.000	0.000	0.000
07:45:00	34.2	30.2	34.1	32.0	15.7	14.0	15.3	13.8	0.000	0.000	0.000	0.000
08:00:00	33.6	29.9	33.4	31.4	15.4	13.7	14.8	14.8	0.000	0.000	0.000	0.000
08:15:00	34.2	30.2	32.5	31.4	15.5	13.8	14.7	15.1	0.000	0.000	0.000	0.000
08:30:00	36.7	31.0	33.6	32.2	16.1	14.2	15.2	15.4	0.000	0.000	0.000	0.000
08:45:00	38.0	32.1	34.8	33.7	16.6	14.6	15.7	16.0	0.000	0.000	0.000	0.000
09:00:00	38.9	33.0	34.9	34.6	17.4	15.3	16.4	16.5	0.000	0.000	0.000	0.000
09:15:00	38.3	33.1	33.5	35.5	17.5	15.6	16.7	15.8	0.000	0.001	0.000	0.000
09:30:00	38.6	33.3	36.5	34.2	17.7	15.8	16.6	17.2	0.000	0.000	0.000	0.000
09:45:00	40.5	34.9	36.2	36.4	18.3	16.2	17.3	17.3	0.000	0.000	0.000	0.000
10:00:00	41.8	35.5	38.7	38.0	18.8	16.3	17.9	17.9	0.000	0.000	0.000	0.001
10:15:00	38.9	33.3	37.5	36.0	17.2	15.0	16.7	17.5	0.002	0.000	0.000	0.006
10:30:00	38.6	33.8	35.1	34.5	17.0	15.3	16.0	16.1	0.004	0.000	0.000	0.018
10:45:00	39.7	31.5	35.7	36.2	17.3	14.3	16.8	16.4	0.002	0.000	0.000	0.020
11:00:00	38.9	33.7	35.9	35.4	17.1	15.3	16.7	16.4	0.002	0.000	0.000	0.023
11:15:00	39.0	34.1	34.8	35.7	17.2	15.3	16.6	16.3	0.000	0.000	0.000	0.025
11:30:00	40.4	35.5	37.3	37.4	17.8	15.9	17.3	17.1	0.000	0.000	0.000	0.024
11:45:00	40.4	35.9	37.9	37.2	17.7	15.9	17.2	17.2	0.000	0.000	0.000	0.023



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12:00:00	38.6	33.9	36.0	36.0	17.0	15.1	16.7	16.6	0.000	0.000	0.000	0.023
12:15:00	37.9	33.6	34.7	35.4	16.7	15.0	16.3	15.8	0.000	0.000	0.000	0.026
12:30:00	42.0	32.9	33.0	33.9	16.6	14.7	15.5	15.1	0.000	0.000	0.000	0.026
12:45:00	34.0	31.0	30.0	29.9	15.1	13.9	13.6	13.8	0.000	0.000	0.000	0.023
13:00:00	30.7	28.4	29.2	29.4	13.7	12.7	13.7	13.2	0.000	0.000	0.000	0.014
13:15:00	30.6	27.3	28.5	28.2	13.5	12.3	13.2	12.9	0.000	0.000	0.000	0.006
13:30:00	40.8	26.3	27.1	27.6	14.2	12.1	12.9	12.5	0.000	0.000	0.000	0.001
13:45:00	29.4	26.5	27.2	27.8	13.2	12.0	13.0	12.7	0.000	0.000	0.000	0.000
14:00:00	29.3	26.8	26.4	27.2	13.0	12.0	12.8	12.2	0.000	0.000	0.000	0.000
14:15:00	29.5	26.2	26.7	27.2	13.1	11.9	12.7	12.3	0.000	0.000	0.000	0.000
14:30:00	29.4	26.8	26.2	27.3	13.1	12.0	12.8	12.2	0.000	0.000	0.000	0.000
14:45:00	29.1	26.4	27.3	27.1	13.1	11.9	12.6	12.3	0.000	0.000	0.000	0.000
15:00:00	28.3	25.6	26.7	26.9	12.6	11.6	12.5	12.3	0.000	0.000	0.000	0.000
15:15:00	27.9	24.5	26.0	25.2	12.5	11.1	12.0	12.0	0.000	0.000	0.000	0.000
15:30:00	26.0	23.6	26.0	24.2	12.6	11.2	12.2	12.3	0.000	0.000	0.000	0.000
15:45:00	23.4	21.8	23.2	21.6	11.8	11.0	11.5	11.7	0.000	0.000	0.000	0.000
16:00:00	22.5	20.7	22.1	21.0	11.4	10.6	11.1	11.3	0.000	0.000	0.000	0.000
16:15:00	22.4	20.8	22.4	20.9	11.2	10.5	10.8	11.2	0.006	0.002	0.000	0.000
16:30:00	20.8	17.9	20.6	19.4	10.6	9.2	10.2	10.7	0.022	0.004	0.002	0.000
16:45:00	21.1	18.1	20.8	20.2	10.7	9.4	10.6	10.5	0.030	0.004	0.013	0.000
17:00:00	21.2	18.9	20.5	20.2	10.7	9.6	10.6	10.7	0.033	0.005	0.015	0.000
17:15:00	21.6	18.6	21.7	20.8	10.8	9.3	10.8	11.0	0.034	0.005	0.016	0.000
17:30:00	20.2	17.2	21.2	19.7	10.2	8.5	10.0	10.7	0.038	0.005	0.018	0.000
17:45:00	16.2	14.1	16.5	16.1	8.2	7.2	8.2	8.2	0.033	0.005	0.015	0.000
18:00:00	16.7	15.1	16.0	15.4	8.2	7.3	8.1	8.0	0.031	0.004	0.015	0.000
18:15:00	15.8	14.3	14.6	14.8	7.9	7.1	7.8	7.8	0.026	0.004	0.016	0.000
18:30:00	15.6	14.1	14.6	14.8	7.9	7.3	7.8	7.7	0.022	0.003	0.011	0.000
18:45:00	15.7	14.5	15.0	15.0	8.0	7.4	7.9	7.7	0.019	0.003	0.010	0.000
19:00:00	18.4	14.5	16.3	15.3	8.5	7.4	8.1	8.1	0.019	0.003	0.010	0.000
19:15:00	16.6	14.6	16.0	15.4	8.4	7.5	8.0	8.1	0.015	0.003	0.010	0.000
19:30:00	17.4	15.5	15.7	15.2	8.5	7.5	8.1	7.9	0.015	0.002	0.010	0.000
19:45:00	17.7	17.4	21.4	16.6	8.5	7.6	8.3	8.8	0.005	0.001	0.008	0.000
20:00:00	18.5	16.5	17.1	16.8	8.6	7.7	8.5	8.3	0.000	0.000	0.007	0.000
20:15:00	19.8	17.3	17.2	17.0	8.4	7.5	8.4	8.2	0.000	0.000	0.003	0.000
20:30:00	17.9	16.0	17.8	17.4	8.1	7.4	8.4	8.0	0.000	0.000	0.000	0.000
20:45:00	18.8	16.3	19.5	16.4	7.9	7.4	8.0	8.0	0.000	0.000	0.000	0.000
21:00:00	18.8	16.0	17.8	15.8	7.9	7.1	7.7	8.0	0.000	0.000	0.000	0.000
21:15:00	19.0	16.0	23.5	16.3	7.9	7.2	8.1	8.5	0.000	0.000	0.000	0.000
21:30:00	18.8	16.4	23.5	16.3	7.7	7.3	7.9	8.1	0.000	0.000	0.000	0.000
21:45:00	18.3	18.0	19.7	17.0	7.5	7.3	7.7	7.9	0.000	0.000	0.000	0.000
22:00:00	17.8	17.5	21.3	16.2	7.7	7.3	7.2	7.9	0.000	0.000	0.000	0.000
22:15:00	18.4	18.4	20.1	15.9	8.0	7.4	7.3	7.8	0.000	0.000	0.000	0.000
22:30:00	18.7	19.6	25.1	18.5	8.6	7.6	8.5	8.5	0.000	0.000	0.000	0.000
22:45:00	19.8	16.2	22.5	18.1	8.4	7.2	8.2	8.6	0.000	0.000	0.000	0.000
23:00:00	20.5	16.4	24.5	18.2	8.6	7.5	8.3	9.0	0.000	0.000	0.000	0.000
23:15:00	19.8	18.4	24.3	19.1	8.5	7.3	8.9	8.8	0.000	0.000	0.000	0.000
23:30:00	19.9	17.1	22.7	18.7	8.7	7.0	8.9	9.0	0.000	0.000	0.000	0.000
23:45:00	20.3	18.6	25.2	18.8	8.7	7.1	8.8	8.5	0.000	0.000	0.000	0.000



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Table 4 : Summary of Exceedances (greater than Action Level) - *None*